

FORM PTO-1449 <u>FIRST SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1581.0580000/RWE	APPLICATION NO. 09/529,130
		APPLICANTS Duggan et al.	
		S 371 DATE June 22, 2000	GROUP 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
IPEN	AA1	5,989,545	11/23/1999	Foster et al.	424	183.1	01/12/1998
	AB						
DEC 1 1 2001	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CMK	AL2	WO 94/21300	09/29/1994	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
CMK	AS	1	Adar, R. et al., "The amino acid sequence of Erythrina corallodendron lectin and its homology with other legume lectins," <i>FEBS Lett.</i> 257:81-85 (1989), abstract from PubMed, PMID: 2806566
CMK	AT	1	Arango, R. et al., "Cloning and sequence analysis of the Erythrina corallodendron lectin cDNA," <i>FEBS Lett.</i> 264:109-111 (1990), abstract from PubMed, PMID: 1692539

EXAMINER

AB

DATE CONSIDERED

3/15/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0580000/RWE	APPLICATION NO. 09/529,130
		APPLICANTS Duggan et al.	
		S 371 DATE June 22, 2000	GROUP 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA							
AB							
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CK	AR	2	Arango, R. et al., "Expression of Erythrina corallodendron lectin in Escherichia coli," Eur. J. Biochem. 205:575-581 (1992), abstract from PubMed, PMID: 1572358
	AS	2	Arora, N. et al., "Cytotoxic effects of a chimeric protein consisting of tetanus toxin light chain and anthrax toxin lethal factor in non-neuronal cells," J. Biol. Chem. 269:26165-26171 (1994), abstract from PubMed, PMID: 7929330
CK	AT	2	Brinkmann, U. et al., "A recombinant immunotoxin containing a disulfide-stabilized Fv fragment," Proc. Natl. Acad. Sci. USA 90:7538-7542 (1993), abstract from PubMed, PMID: 8356052

EXAMINER

Ch

DATE CONSIDERED

3/15/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0580000/RWE		APPLICATION NO. 09/529,130	
		APPLICANTS Duggan et al.			
		S 371 DATE June 22, 2000	GROUP 1653		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CK	AR	3	Kurazono, H. et al., "Minimal Essential Domains Specifying Toxicity of the Light Chains of Tetanus Toxin and Botulinum Neurotoxin Type A," <i>J. Biol. Chem.</i> 267:14721-14729, The American Society for Biochemistry and Molecular Biology, Inc. (1992)
	AS	3	Lamb, F.I. et al., "Nucleotide sequence of cloned cDNA coding for preproricin," <i>Eur. J. Biochem.</i> 148:265-270 (1985), abstract from PubMed, PMID: 3838723
CMK	AT	3	Law, I. J., "Cloning and expression of cDNA for galactose-binding lectin from peanut nodules," <i>Plant Science</i> 115:71-79, Elsevier Science Ireland Ltd. (1996)

EXAMINER

*Chh/r*DATE CONSIDERED *3/15/02*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0580000/RWE	APPLICATION NO. 09/529,130
		APPLICANTS Duggan et al.	
		S 371 DATE June 22, 2000	GROUP 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL <i>OIP</i>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>CMK</i>	AR	<u>4</u>	Lorberbaum-Galski, H. et al., "Cytotoxic activity of an interleukin 2-Pseudomonas exotoxin chimeric protein produced in Escherichia coli," <i>Proc. Natl. Acad. Sci. USA</i> 85:1922-1926 (1988), abstract from PubMed, PMID: 3126499
	AS	<u>4</u>	Murphy, J.R., "Diphtheria-related peptide hormone gene fusions: a molecular genetic approach to chimeric toxin development," <i>Cancer Treat. Res.</i> 37:123-140 (1988), abstract from PubMed, PMID: 2908622
<i>CMK</i>	AT	<u>4</u>	Nathan, S. and Halina, L., "Legume lectins - a large family of homologous proteins," <i>The FASEB J.</i> 4:3198-3208, The Federation of American Societies for Experimental Biology (1990)

EXAMINER	<i>Chaplin</i>	DATE CONSIDERED	<i>8/5/02</i>
----------	----------------	-----------------	---------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0580000/RWE		APPLICATION NO. 09/529,130	
		APPLICANTS Duggan et al.			
		S 371 DATE June 22, 2000		GROUP 1653	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
DEP SCT DEC 14 2001 PATENTS & TRADEMARK OFFICE	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI	-				
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CMK	AR	5	"NeuroBloc (Botulinum Toxin Type B) For Cervical Dystonia Launched in UK," Doctor's Guide, P/S/L Consulting Group Inc. (March 2001), visited <November 28, 2001> at < http://www.psllgroup.com/dg/1F4216.htm >
	AS	5	O'Hare, M. et al., "Cytotoxicity of a recombinant ricin-A-chain fusion protein containing a proteolytically-cleavable spacer sequence," FEBS Lett. 273:200-204 (1990), abstract from PubMed, PMID: 2121540
CMK	AT	5	Plank, C. et al., "The influence of endosome-disruptive peptides on gene transfer using synthetic virus-like gene transfer systems," J. Biol. Chem. 269:12918-12924 (1994), abstract from PubMed, PMID: 8175709

EXAMINER

Chen

DATE CONSIDERED

3/15/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1581.0580000/RWE		APPLICATION NO. 09/529,130	
		APPLICANTS Duggan et al.			
		S 371 DATE June 22, 2000	GROUP 1653		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA							
AB							
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>CMK</i>	AR	6	Van Damme, E.J.M. et al., "Molecular cloning of the bark and seed lectins from the Japanese pagoda tree (<i>Sophora japonica</i>)," <i>Plant Molec. Biol.</i> 33:523-536, Kluwer Academic Publishers (1997)
	AS	6	Williams, D.P. et al., "Diphtheria toxin receptor binding domain substitution with interleukin-2: genetic construction and properties of a diphtheria toxin-related interleukin-2 fusion protein," <i>Protein Eng.</i> 1:493-498 (1987), abstract from PubMed, PMID: 3334101
<i>CMK</i>	AT	6	Wood, K.A. et al., "Preproabrin: genomic cloning, characterisation and the expression of the A-chain in <i>Escherichia coli</i> ," <i>Eur. J. Biochem.</i> 198:723-732 (1991), abstract from PubMed, PMID: 2050149
EXAMINER	<i>Chh</i>		DATE CONSIDERED <i>3/15/02</i>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1581.0580000/RWE	APPLICATION NO. 09/529, 130
		APPLICANTS Duggan et al.	
		S 371 DATE June 22, 2000	GROUP 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL <i>O I P E</i>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>CMK</i>	AR	7	Yamaguchi, O. et al., "Chemical structures of two subunits, A-subunit and B-subunit, of galactose-specific isolectins from Erythrina variegata seeds," <i>J. Biochem (Tokyo)</i> 114:560-566 (1993), abstract from PubMed, PMID: 8276768
	AS	7	
	AT	7	

EXAMINER

*Chen*DATE CONSIDERED *8/15/02*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

MAR 08 2002

TECH CENTER 1600/2900

Page 1 of 1

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 1581.0580000/RWE/BEC	APPLICATION NO. 09/529,130
			APPLICANTS Duggan et al.	
			S 371 DATE June 22, 2000	GROUP 1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
CMK	AS	7	Bizzini, B., "Investigation of the Mode of Action of Tetanus Toxin With the Aid of Hybrid Molecules Consisting in Part of Tetanus Toxin-Derived Fragments," in <i>Bacterial Protein Toxins</i> , pp. 427-434, Academic Press London (1984)
	AT	7	

EXAMINER

*CBK*DATE CONSIDERED *3/5/02*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.